

Patent Abstracts of Japan

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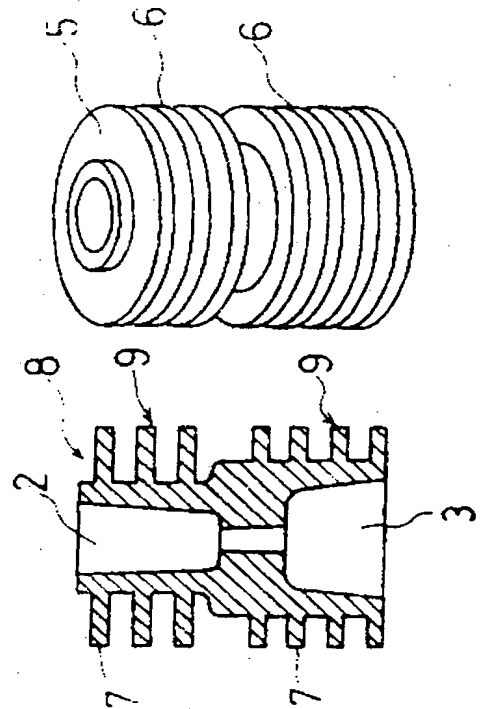
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TITLE : METHOD OF FORMING ROTOR WITH
MOVING BLADE



ABSTRACT : PURPOSE: To improve the workability, by forming moving blades integrally with the rotor body used for a turbo-molecular pump when the rotor is formed.

CONSTITUTION: A molded body 1 in the shape of a column is drilled by cutting or other means to obtain the rotor body 5 having an upper opening 2, a lower opening and a hole 4 communicating them through the center thereof, and also the same time the outer circumferential surface of the rotor body 5 is cut to be formed into a plurality of disks 6 that will become the moving blades 9 having a desired pitch. Then electrical discharge machining is carried out to each disk 6 so that blades 7 having a desired angle are formed, and the surface of each blade 7 is chemically polished to obtain the rotor 8 with moving blades 9.

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